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Fig.1

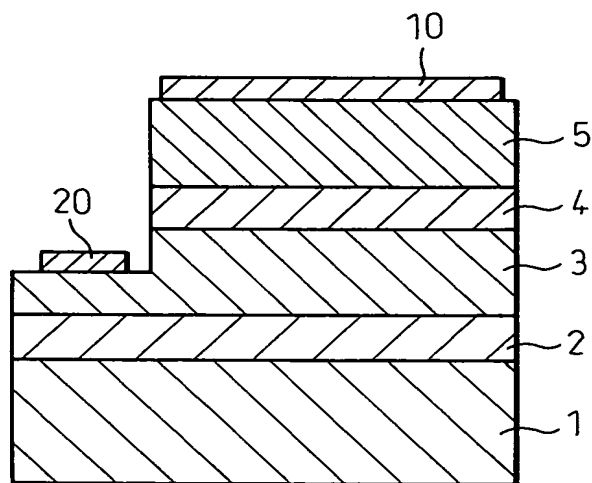
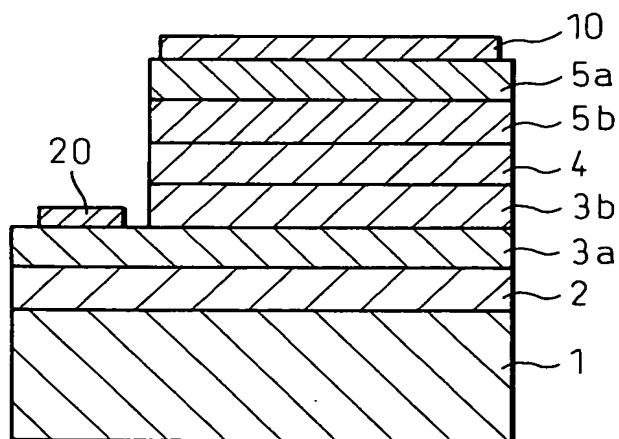
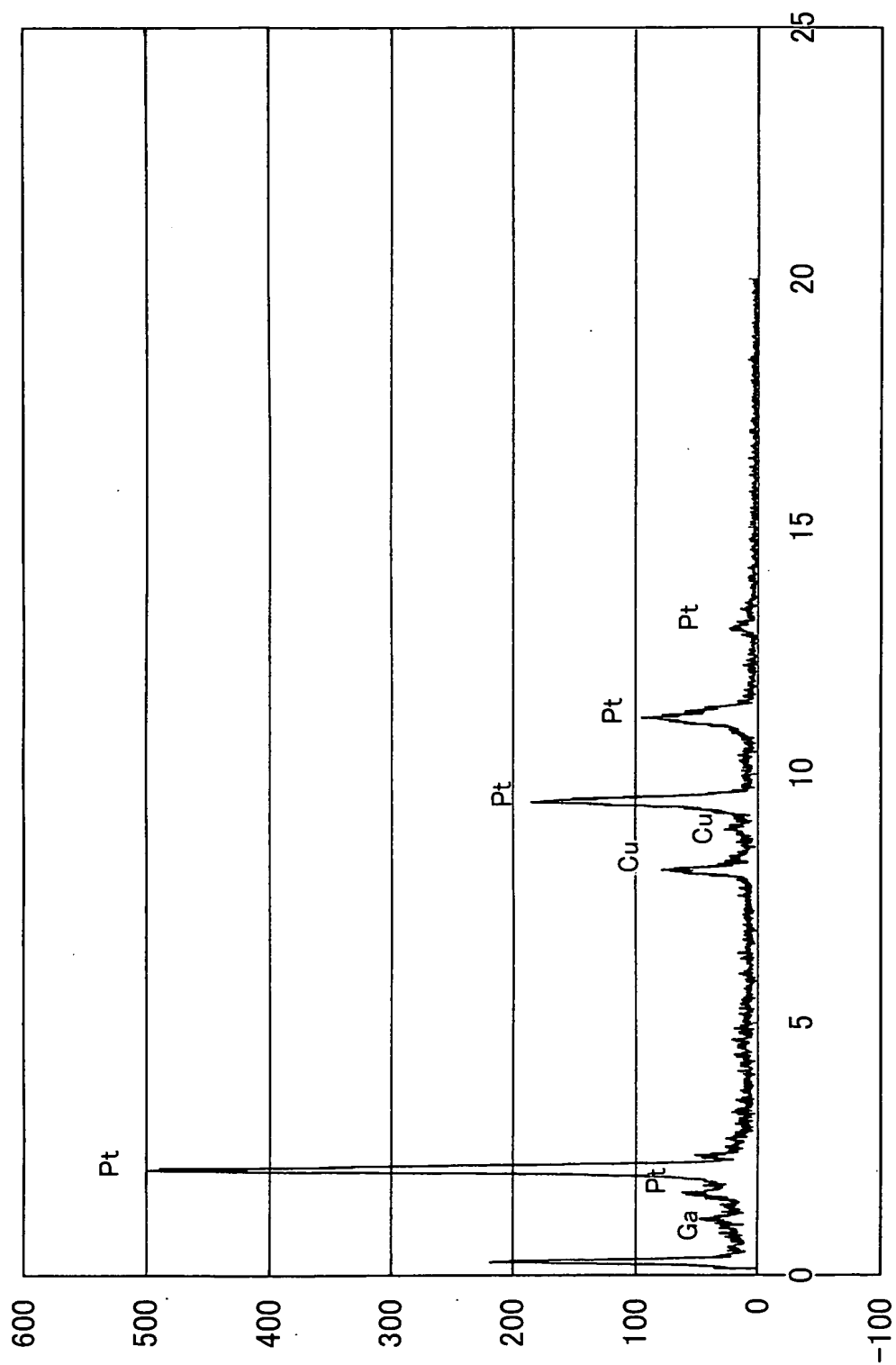


Fig.2



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Fig.3

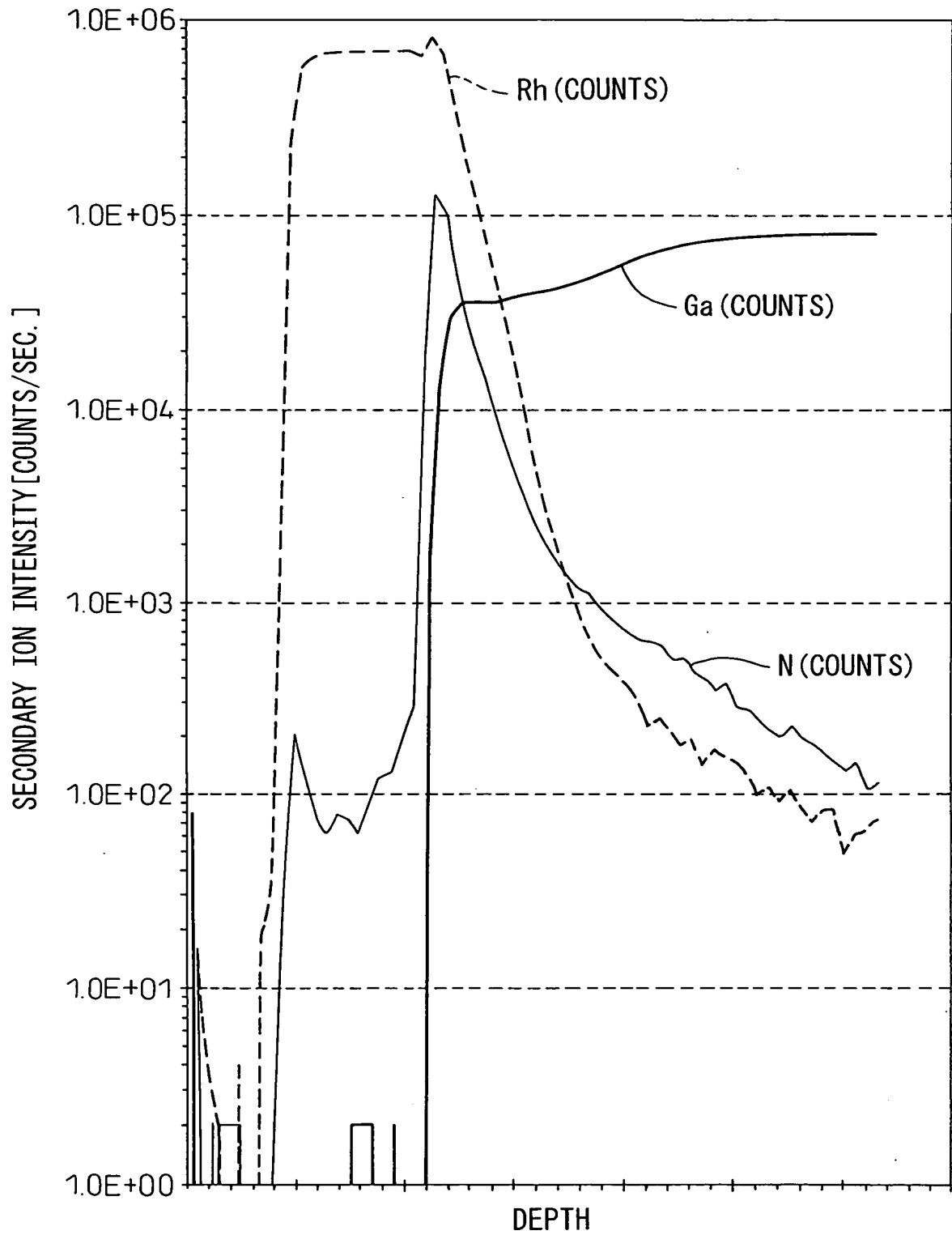


The figure is an XPS spectrum showing intensity versus binding energy (eV). The x-axis ranges from 0 to 25 eV, and the y-axis ranges from 0 to 450. The spectrum displays several peaks corresponding to different elements:

- Ga (Gallium):** A prominent peak is observed at approximately 400 eV, labeled 'Ga'.
- Pt (Platinum):** A sharp peak is visible at approximately 70 eV, labeled 'Pt'.
- N (Nitrogen):** A small peak is present at approximately 400 eV, labeled 'N'.

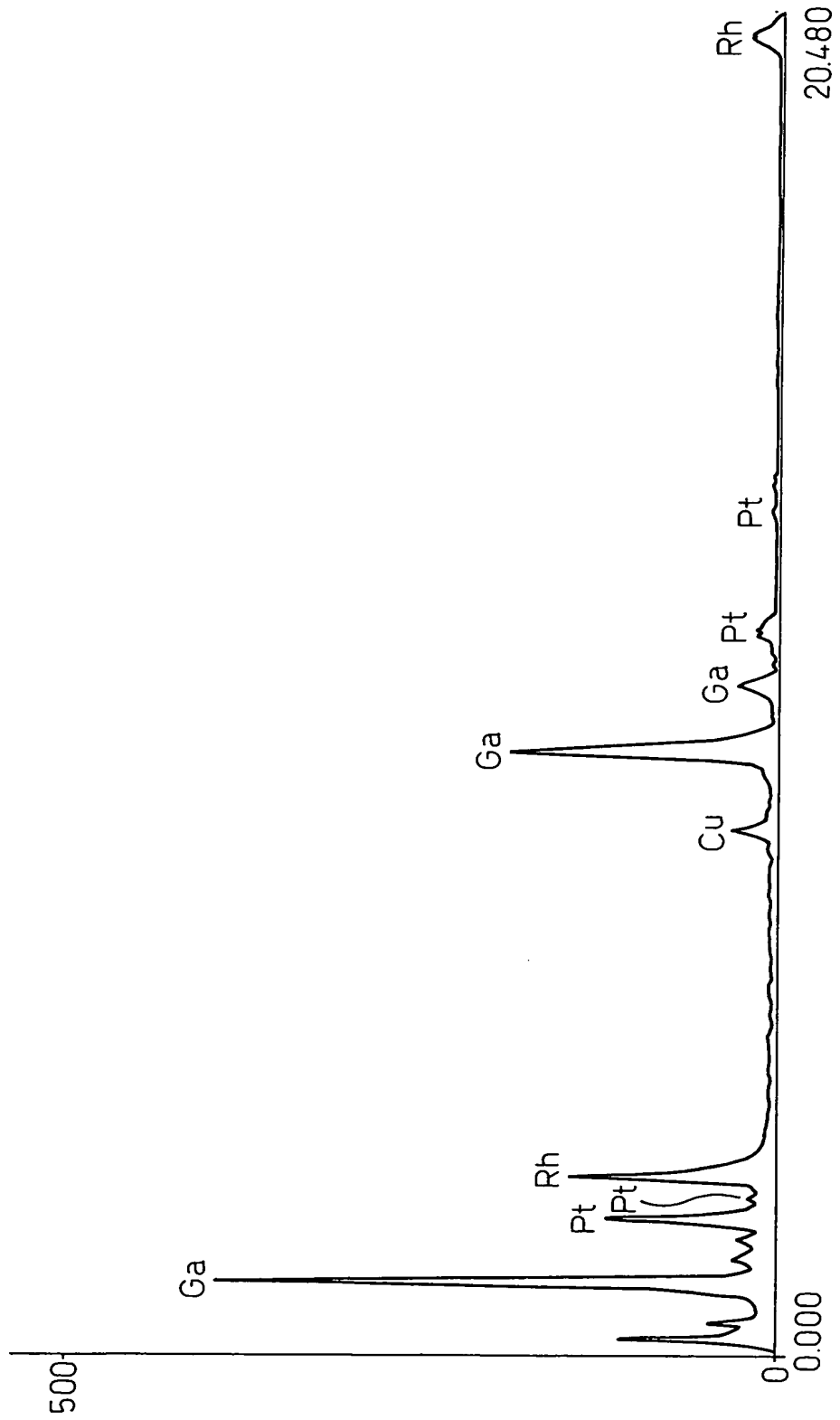
The spectrum is recorded on a SiO₂/Si substrate, as indicated by the text in the top right corner.

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Fig. 5



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Fig. 6



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Fig. 7

